

CLIMATOLOGICAL SUMMARY.

By Mr. P. C. DAY, Acting Chief, Climatological Division.

TEMPERATURE AND PRECIPITATION BY SECTIONS, NOVEMBER, 1908.

In the following table are given, for the various sections of the Climatological Service of the Weather Bureau, the average temperature and rainfall, the stations reporting the highest and lowest temperatures with dates of occurrence, the stations reporting greatest and least monthly precipitation, and other data, as indicated by the several headings.

lowest temperatures, the average precipitation, and the greatest and least monthly amounts are found by using all trustworthy records available.

The mean departures from normal temperature and precipitation are based only on records from stations that have ten or more years of observation. Of course the number of such records is smaller than the total number of stations.

The mean temperatures for each section, the highest and

Section.	Temperature—in degrees Fahrenheit.						Precipitation—in inches and hundredths.							
	Section average.	Departure from the normal.	Monthly extremes.				Section average.	Departure from the normal.	Greatest monthly.		Least monthly.			
			Station.	Highest.	Date.	Station.			Lowest.	Date.	Station.	Amount.	Station.	Amount.
Alabama	57.0	+ 3.6	Pushmataha	88	9, 25	Riverton, Valley H'd	15	15	1.52	- 1.60	Calera	4.00	Lucy	0.27
Arizona	53.4	- 0.1	Yuma, A.	96	2	St. Michaels	- 1	30	0.40	- 0.85	Greer	1.85	Mohawk Summit	0.00
Arkansas	53.8	+ 2.9	Hutdig	86	10	Bergman	5	14	5.40	+ 1.71	Allies	8.75	Lake Farm	1.30
California	62.7	- 0.2	Heber	97	22	Tamarack	-12	28	1.85	- 1.03	Monumental	12.32	10 stations	0.00
Colorado	82.7	- 2.2	Blaine	88	6	Wagon Wheel Gap	-24	26	1.17	+ 0.55	Cope	3.98	Kremmling (near)	0.10
Florida	65.5	+ 0.6	Grasmere	98	10	4 stations	25	8 d't's	1.81	+ 0.38	Hypoluxo	10.88	3 stations	0.00
Georgia	57.5	+ 3.4	Putnam	98	28	{Diamond	22	16	1.24	- 1.46	Washington	2.76	Valdosta	T.
			{Gore			{Gore	22	8 d't's						
Hawaii (October)	72.4†		{Pahala, Hawaii	90	14	Humuula, Hawaii	85	27	4.17		Hakalau (Mauka), Hawaii	27.46	5 stations	0.00
			{U. S. Magnet. Station, Oahu	90	17									
Idaho	36.6	+ 0.1	Guffey	76	1	Paris	-18	27	0.97	- 0.81	Landore	2.78	Salmon	0.18
Illinois	43.7	+ 3.2	Benton	84	9	Lanark	8	14	2.74	+ 0.12	Cobden	4.90	Springfield	1.17
Indiana	48.9	+ 2.1	Paoli	79	26	Judyville	13	2.08	- 1.62	Rockville	3.25	Richmond	0.57	
Iowa	39.3	+ 3.4	St. Charles	80	18	St. Louis Center	80	1.56	+ 0.17	Clinton	3.31	Pacific Junction	0.21	
Kansas	44.3	+ 1.7	Yates Center	88	19	{St. Francis	2	11	2.56	+ 1.74	Oswego	7.32	Oketo	0.49
						{Blakeman	2	23						
Kentucky	48.6	+ 2.6	Beattyville	80	25	Shelbyville	8	5	2.61	- 1.09	Lynnville	7.98	Williamstown	1.86
Louisiana	60.5	+ 2.0	Ruston	90	10	Plain Dealing	19	15	2.33	- 2.12	Liberty Hill	8.49	Reserve	0.00
Maryland and Delaware	44.7	+ 0.5	Porto Bello, Md.	77	3	Oakland, Md.	- 3	16	0.99	- 1.96	Millsboro, Del.	1.90	Takoma Park, Md.	0.37
Michigan	37.9	+ 2.3	Cassopolis	71	25	Ewen	4	17	2.30	- 0.18	Calumet	4.58	Detroit	0.73
Minnesota	33.8	+ 4.7	Montevideo	70	18	Bagley	- 3	30	1.18	+ 0.18	Moorhead	2.81	Rochester	0.20
Mississippi	58.0	+ 3.5	Hattiesburg	88	9	Duck Hill	16	15	2.02	- 1.58	Austin	5.91	Biloxi	0.18
Missouri	47.6	+ 3.4	Hollister	87	19, 21	Jefferson City, Iron- ton.	9	16	4.14	+ 1.66	Caruthersville	9.41	Oregon	1.50
Montana	25.1	+ 3.5	Lewistown	81	3	Raymond	-20	11	0.35	- 0.70	Snowshoe	7.17	5 stations	0.00
Nebraska	38.8	+ 2.0	Tekamah	86	18	{Bridgeport	- 5	30	0.64	+ 0.03	Hartington	2.10	2 stations	T.
						{Kinball	- 5	10						
Nevada	38.1	- 1.1	Logan	83	6	Halleck, Potts	-13	27, 28	0.15	- 0.58	Lewers Ranch	1.10	9 stations	0.00
New England*	38.1	+ 0.4	Norfolk, Mass.	69	24	Van Buren, Me	- 4	19	1.17	- 2.36	Rockport, Mass.	2.41	New London, Conn.	0.32
New Jersey	43.1	0.0	Imlaystown	72	26	Layton	2	16	0.96	- 2.42	Indian Mills	1.29	Newark	0.35
			{Indian Mills	72	24, 26									
New Mexico	41.1	- 2.7	Carlsbad	82	8	Elizabethtown	-12	30	0.85	- 0.03	Chama	2.35	Deming	T.
			{Monument	82	2, 7									
New York	38.7	+ 2.0	Addison	72	26	Jeffersonville	3	16	1.41	- 1.60	Lake Pleasant	4.24	Scarsdale	0.30
North Carolina	52.1	+ 2.4	Newbern, Sloan	84	11	{Indian Lake	3	21	1.65	- 1.23	Horse Cove	2.84	West Berns	0.30
			{Amenia	75	22	Banners Elk	18	16						
North Dakota	31.1	+ 4.9	Broncho	75	2	Westhope	-15	29	0.97	+ 0.31	Goforth	2.65	Swartwood	0.14
Ohio	41.7	+ 0.9	Ironton	77	25	Bellefontaine	5	5	1.06	- 1.79	Green	2.54	Hudson	0.18
Oklahoma	50.0	+ 0.9	Ardmore	93	7	Mutual	1	14	4.16	+ 2.57	Calvin	8.79	Kenton	0.50
Oregon	44.7	+ 1.9	Riverside	81	2	Christmas Lake	2	24	2.92	- 2.58	Glenora	12.60	Unity	0.00
Pennsylvania	41.2	+ 0.8	{Derry Station	75	25	Clearfield	- 2	16	0.90	- 2.00	Somerset	1.97	Duhoire	0.20
			{Uniontown	75	25, 28									
Porto Rico	75.9		Arecibo	94	5	Aibonito	53	23	6.42		Rio Blanco	12.70	Hacienda Destino	1.32
			{Yauco	94	1, 2, 17									
South Carolina	56.6	+ 2.7	Florence	88	10	Spartanburg	24	16	1.60	- 1.36	Greenville	3.09	Bowman	0.54
South Dakota	36.2	+ 4.5	Spearfish	85	18	Mellette	-13	30	1.07	+ 0.71	La Delle	3.03	2 stations	0.00
Tennessee	51.5	+ 3.5	Pope	81	8	Rugby	8	15	3.75	- 0.38	Kenton	3.12	Sewanee	0.60
Texas	57.9	+ 1.0	Llano Grande	95	29	Tulia	4	14	2.18	- 0.15	Cuero	6.13	Llano	0.17
Utah	36.0	- 1.5	St. George	78	5	Scotfield	-14	28, 30	0.62	- 0.80	Tooele	2.34	Frisco, Loa	0.00
Virginia	47.0	+ 1.0	Callaville	81	27	Blackshurg, Lexing- ton.	- 1	16	1.42	- 1.17	Speers Ferry	2.72	Nokesville	0.40
Washington	44.3	+ 3.2	Walla Walla	78	3	Northport	1	30	3.79	- 2.10	Duckabush	28.10	Waterville	0.30
West Virginia	43.3	+ 0.3	Logan	81	25	Burlington, Lewis- burg.	0	16	1.14	- 1.83	Logan	2.73	Southside	0.48
Wisconsin	35.8	+ 3.2	Watertown	70	3	Long Lake	- 2	17	1.59	- 0.04	Koepenick	3.10	Grantsburg	0.42
Wyoming	31.4	- 0.6	Pine Bluff	82	18	{Laramie	-24	14	0.84	- 0.14	Border	1.71	3 stations	T.
						{Independence	-24	13						

* Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

† 51 stations, average elevation, 718 feet.

DESCRIPTION OF TABLES AND CHARTS.

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For description of tables and charts see page 8 of REVIEW for January, 1908.